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Subject: Hurricane Harvey ESF-10 Texas Situation Report #24 for 9-22-17
Date: Friday, September 22, 2017 9:08:24 PM
Attachments: [Hurricane Harvey ESF-10 Texas Situation Report #24 for 09-22-17.pdf](#)

ALCON:

Attached is today's Situation Report.

Very respectfully,

LT Brian Churchill



Hurricane Harvey-Texas

ESF-10

Situation Report #24

Subject: SITREP #24
To: Agency Leads
Thru: Maggie Waldon, PSC
From: Unified Command
Date: 9/22/2017
Reporting Period: 9/22/2017

INTRODUCTION

Background

Hurricane Harvey made landfall at 2300 ET, August 25th, as a Category 4 storm near Rockport, Texas. Harvey stalled over southeastern TX. Due to its slow motion and a prolonged period of onshore flow, the impacted areas received more than 50 inches of precipitation that produced catastrophic flooding.

An ESF-10 Mission Assignment was signed on August 28, 2017. The US Environmental Protection Agency (EPA), Texas Commission on Environmental Quality (TCEQ), the Texas General Land Office (TGLO) and the U.S. Coast Guard (USCG) have entered into a Unified Command to begin the evaluation, clean-up, and recovery of spills, releases, vessels and orphan containers.

On September 22, 2017, the land-based objectives of prioritizing, monitoring, mitigating and/or recovering identified pollution targets have been largely achieved. The bulk of the orphan containers have been recovered and transported to staging pads. Involved agencies continue to categorize hazardous material, and prepare it for disposal. Vessel recovery now represents the majority of work required to achieve mission success. With these benchmarks realized, the TGLO and USCG have assumed the lead for ongoing ESF-10 activity.

CURRENT ACTIVITIES

Operations Section

On September 22, 2017, Unified Command continued operations in accordance with the Natural Disaster Operational Workgroup (NDOW) Standard Operating Procedures, NDOW forms and Response Manager. The Unified Command is supported by three operational branches: Alpha Branch in Corpus Christi, Bravo Branch in Houston, and Charlie Branch in Port Arthur. Hazard Evaluation Teams were on standby throughout Bravo Branch. ER/Orphan Container Recovery Teams continued working throughout Bravo Branch. Oil/Vessel Discharge Recovery Teams continued working throughout Alpha and Charlie Branches. Vessel Removal Teams continued working throughout Alpha and Charlie Branches. Staging Area Team continued working throughout the Alpha, Bravo, and Charlie Branches.



Conn Harbor

Mission Assignment:

Request ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharges as covered under Category B (Emergency Protective Services) for Public Assistance. The assistance includes response to releases/discharges from fixed facilities, vehicles, intermodal container (to include orphaned containers) and vessels (mobile) sources to remove the threat of imminent danger or contamination to the public that could be caused by any release.

| Table 1: Mission Assignments as of 9/22/17 | | | |
|--|---|-----------------|-----------|
| Funding Sources | Description | Funding Ceiling | End Date |
| MA 4332DR-TX-EPA-03 | As requested by the State of Texas, provide assessment and emergency response support to the State including water/wastewater treatment plant assessments, aerial assessments | \$10,092,000 | 9/22/2017 |

| | | | |
|-------------------|--|--------------|-----------|
| USCG MA D17BA1 | USCG will provide oil and hazardous materials field response which may include but not limited to the placement of vessels removed of pollutions to a pre-determined staging area; providing specialized expertise; conducting damage assessment of oil/hazmat waste impact via air and/or water; contractor oversight; evaluating hazards; and/or response, removal, or disposal of: actual and potential oil discharges, and releases of hazardous materials, pollutants and contaminations, and remove pollutants from vessels in or upon navigable waters and adjoining shoreline. | \$20,000,000 | 9/21/2017 |
|-------------------|--|--------------|-----------|

Liaison

Coordinated communications with the Unified Command Liaison and Public Information Officer. Shared information with the lead Community Liaison from EPA, Region 6. Attended a meeting as observers to hear updates from various community entities providing their local updates to leaders at Port Aransas.

Public Information

Public Information Officers finalized news releases with TGLO for vessel recovery and established a phone number for media inquiries. Four inquiries were closed. The team also approved new IAP talking points.

| Table 2: Field Teams on 9/22/2017 – per IAP #21 | | | | |
|--|--------------|--------------|----------------|--------------|
| Teams | Alpha | Bravo | Charlie | Total |
| Hazard Evaluation | 0 | 1 | 0 | 1 |
| Hazard Evaluation Debris | 0 | 8 | 0 | 8 |
| Oil Discharge Assessment | 0 | 0 | 0 | 0 |
| ER/Orphan Container Recovery | 0 | 1 | 0 | 1 |
| Oil/Vessel Discharge Recovery | 5 | 2 | 0 | 7 |
| Staging Areas | 0 | 1 | 0 | 1 |
| Air Operations | 0 | 0 | 0 | 0 |
| Air Monitoring | 0 | 0 | 0 | 0 |
| Vessel Removal | 1 | 0 | 1 | 2 |
| Totals | 6 | 13 | 1 | 20 |

| Table 3: Daily/Cumulative Summary of Hazard Evaluations/Recovery | | | | |
|--|-----------|----------------------------------|-----------|------------|
| Status | Opened | | Closed | |
| | 9/22/2017 | Number of Targets Remaining Open | 9/22/2017 | Cumulative |
| Alpha Branch | 0 | 0 | 0 | 106 |
| Bravo Branch | 0 | 0 | 0 | 402 |
| Charlie Branch | 0 | 0 | 0 | 135 |
| NRC Reports | 0 | 0 | 0 | 5 |
| Totals | 0 | 0 | 0 | 648 |

Note- Open means the target is yet to be recovered. Closed means the target was recovered/left in place or access was denied to collect the item.

| Table 4: Waste Received at All Staging Pads to Date | | | | | | |
|---|---------------|----------------------------|----------------------------|-----------|-----------------------------|---------------------------------------|
| Date | CONTAINERS | | | | TOTALS | |
| | Drums [55gal] | Small Containers [< 55gal] | Large Containers [> 55gal] | Cylinders | Total Items Collected Today | Total Items Collected Project to Date |
| 9/22/2017 | 0 | 0 | 0 | 0 | 0 | 987 |
| Totals | 427 | 397 | 43 | 120 | | |

| Table 5: Items/Materials Processed for Disposal | | | | | | |
|---|---------------|----------------------------|----------------------------|-----------|--------------------------|----------------------------------|
| Date | Drums [55gal] | Small Containers [< 55gal] | Large Containers [> 55gal] | Cylinders | Solid Waste/Roll Off Box | Total Scrap Metal Recycled (lbs) |
| Total Present at all Staging Pads (9/22/17) | 427 | 397 | 43 | 120 | 4 | 5000 |
| Processed for Disposal | | | | | | |
| 9/20/2017 | 56 | 133 | 11 | 34 | 0 | |
| 9/21/2017 | 0 | 0 | 3 | 0 | 1 | |
| 9/22/2017 | 54 | 33 | 0 | 0 | 1 | |
| Remaining to be Processed for Disposal | 200 | 123 | 21 | 68 | 1 | |
| Percent Remaining | 47% | 31% | 49% | 57% | 25% | |

| Table 6: Daily/Cumulative Summary of Spills/Discharges (NON-VESELS) | | | | |
|--|------------------|---|------------------|-------------------|
| Status | Opened | | Closed | |
| | 9/22/2017 | Number of Facilities/Spills Remaining Open | 9/22/2017 | Cumulative |
| Alpha Branch | 0 | 1 | 0 | 33 |
| Bravo Branch | 0 | 1 | 0 | 77 |
| Charlie Branch | 0 | 2 | 0 | 24 |
| NRC Reports | 0 | 0 | 7 | 129 |
| Totals | 0 | 4 | 7 | 263 |

Note- Open means the target is yet to be recovered/cleaned up. Closed means the target was recovered/cleaned up by an RP or not found upon return to location.

| Table 7: Daily/Cumulative Summary of VESSELS UPDATED | | | | |
|---|------------------|---|------------------|-------------------|
| Status | Opened | | Closed | |
| | 9/22/2017 | Number of Vessels Remaining Open | 9/22/2017 | Cumulative |
| Alpha Branch | 4 | 146 | 17 | 336 |
| Bravo Branch | 0 | 28 | 0 | 47 |
| Charlie Branch | 0 | 36 | 0 | 29 |
| NRC Reports | 0 | 0 | 0 | 14 |
| Totals | 4 | 210 | 17 | 426 |

Note- Open means the target is yet to be recovered. Closed means the target was recovered/cleaned up by an RP or not found upon return to location.

OTHER NOTABLE ACTIVITIES

ALPHA

Oil Discharge Assessment Teams closed 2 targets at Island Moorings, and 1 at Port Aransas Marina. The Water Task Force placed 13 placards on vessels at Key Allegro.

Vessel Removal Teams monitored dive operations assessing a shrimp boat in Conn Brown Harbor.

BRAVO

Hazcatting and pad operations continue at Bravo Branch. Hazcatting is approximately 90-95% complete. Per request from TCEQ a container (55 gallon drum) marked "reactive" behind a residence will be recovered tomorrow. Attempts were made today, but home owner was not home to unlock

access gate. Homeowner will provide access tomorrow at 0800. All non-essential pad personnel have been demobilized from the Bravo Branch.

CHARLIE

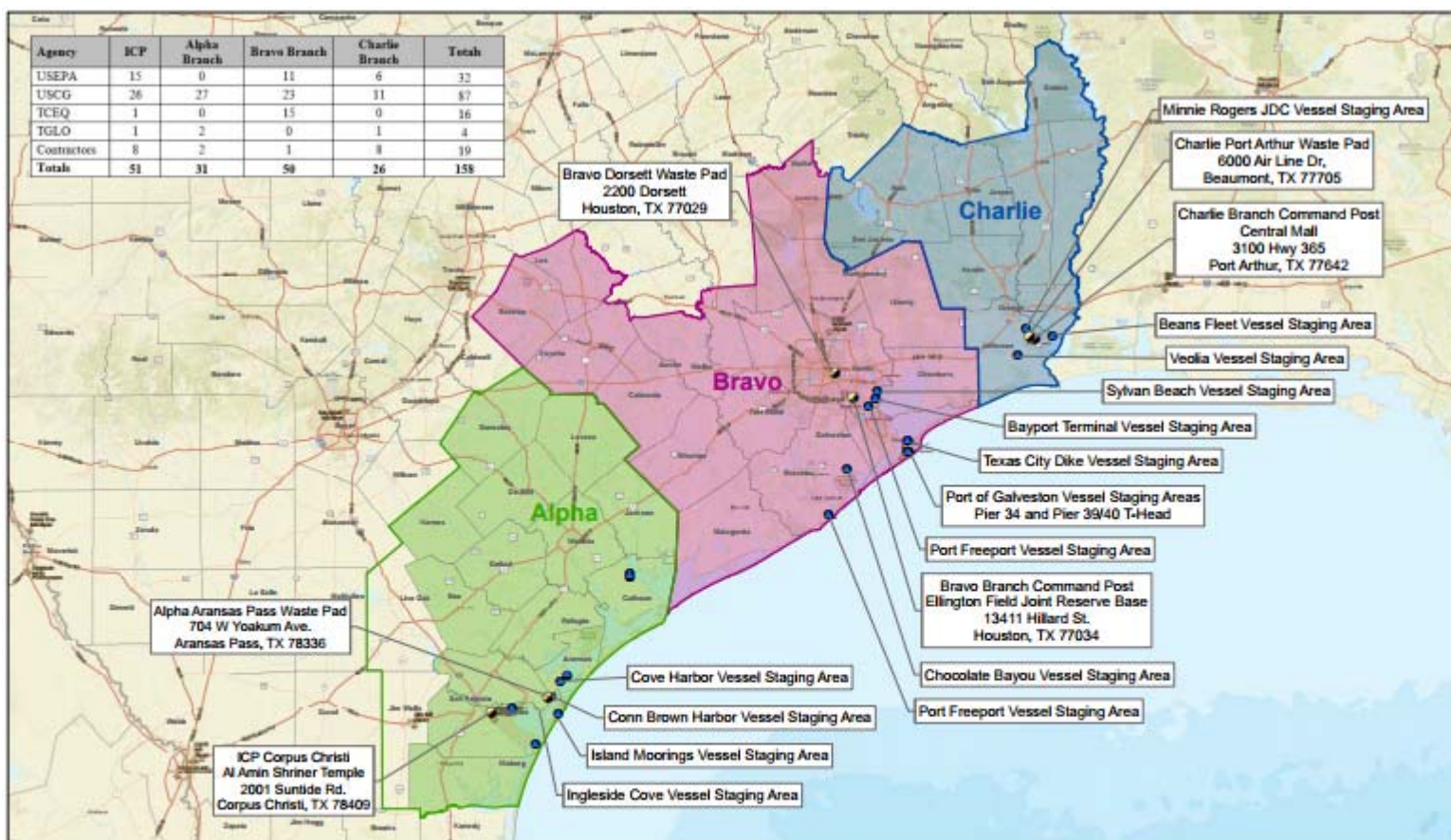
Hazard Evaluation Team verified scheduled vessel removal at the Beaumont Yacht Club. The removal will occur on 25 September. Throughout the Branch, there remains 7 vessels left to be removed.

Participating Agencies as of 09/22/2017

- Texas Commission on Environmental Quality (TCEQ)
- Texas General Land Office (TGLO)
- US Environmental Protection Agency (USEPA)
- US Coast Guard (USCG)

Personnel On Site as of 09/22/2017

| Agency | ICP | Alpha Branch | Bravo Branch | Charlie Branch | Totals |
|---------------|------------|---------------------|---------------------|-----------------------|---------------|
| USEPA | 15 | 0 | 11 | 6 | 32 |
| USCG | 26 | 27 | 23 | 11 | 87 |
| TCEQ | 1 | 0 | 15 | 0 | 16 |
| TGLO | 1 | 2 | 0 | 1 | 4 |
| Contractors | 8 | 2 | 1 | 8 | 19 |
| Totals | 51 | 31 | 50 | 26 | 158 |



Legend

Federally Declared Counties:

- in Alpha
- in Bravo
- in Charlie

Incident Command Post (ICP) /Staging Area

Vessel Staging Location

USA EPA REGION 6
Overview Map
Alpha, Bravo, Charlie
Hurricane Harvey Response



EPA GIS
Printed: 8:19:59 PM 9/22/2017